

CMS-50H Instructions by Cooper Medical Supplies

(These instructions are to supplement the manufacturer's user manual not to replace it!)



Note: There are several software versions that are compatible with the CMS-50H. It depends on which version of Windows you are using and which version of firmware your oximeter has (the number that first shows on your oximeter screen when you first power it on). The software is always being changed and improved. If you purchase the oximeter from Cooper Medical Supplies, I will send you an email that may have instructions that are newer than this manual.

CMS-50H

Version below 1.1 Firmware

Windows Vista, XP, or earlier use version 1.0 of SPO2 Review

Windows 7 use version 1.2 of spo2 review software

Version above 1.1 Firmware

Windows Vista, XP, or earlier use version 1.0 of SPO2 Assistant

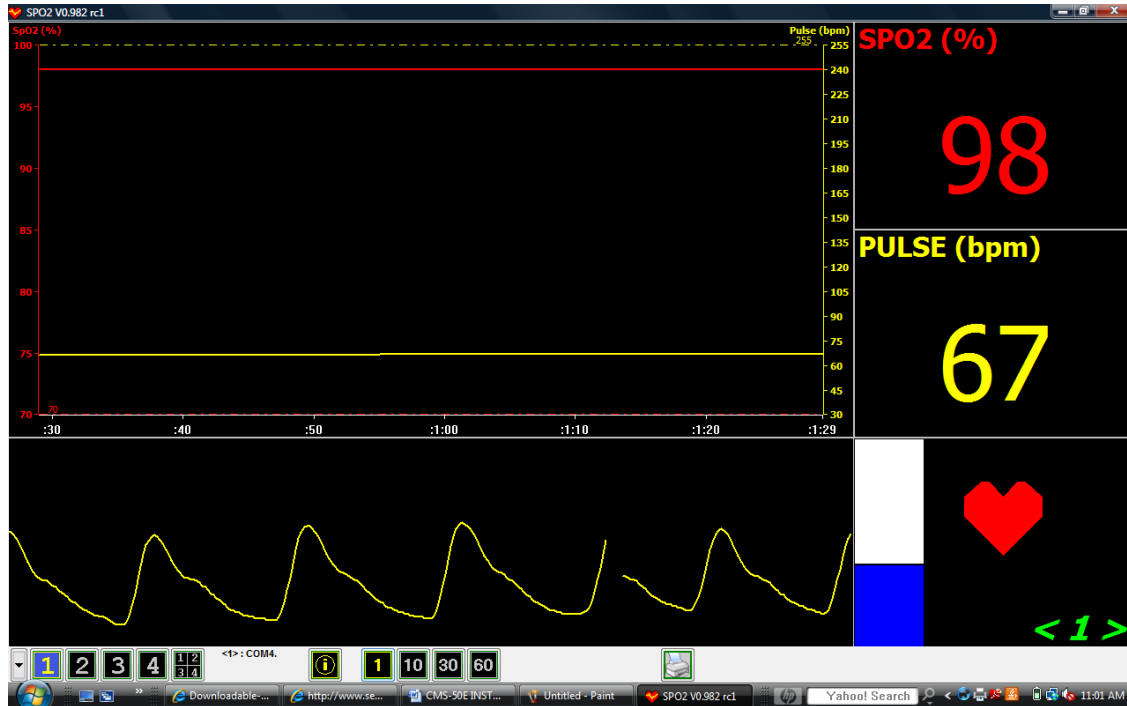
Windows 7 use version 2.1 of spo2 assistant

Note that if you are using Version 1.1 or above firmware, scroll down and you will see the SPO2 Assistant instructions.

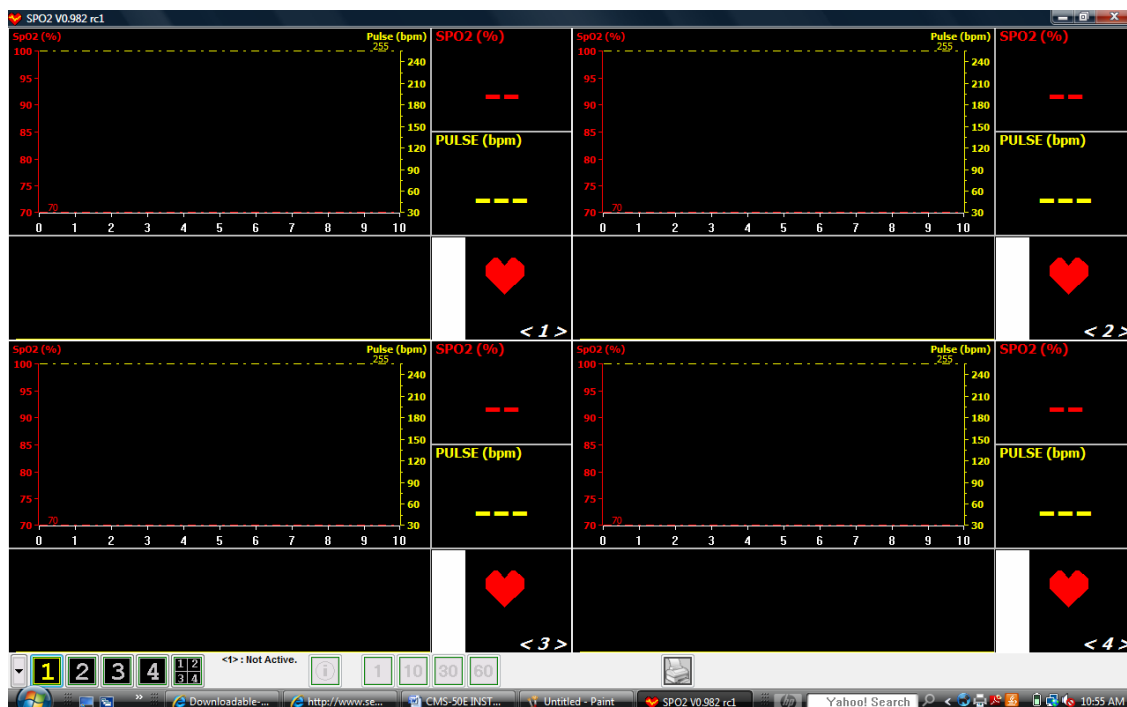
SPO2 Review Instructions

Once you have installed the software onto your computer, you will have 2 icons on your desktop. One is a red heart that says SPO2, and the other is a green heart that says SPO2 Review. For continuous readings on your computer screen select SPO2. For downloading readings and sleep studies select SPO2 Review.

SPO2 Software



(Screenshot of SPO2 with 1 Oximeter)



(Screenshot of SPO2 with 4 oximeters on screen)

CMS-50H RECORDING INSTRUCTIONS

- STEP 1: PRESS THE POWER BUTTON TO TURN THE OXIMETER ON.
- STEP 2: PRESS AND HOLD THE POWER BUTTON AGAIN TO GO INTO THE SETTINGS MENU.
- STEP 3: PRESS THE POWER BUTTON UNTIL RECORD IS HIGHLIGHTED.
- STEP 4: PRESS AND HOLD THE POWER BUTTON AGAIN TO TURN THE RECORD FUNCTION ON.
- STEP 5: TIME: 00:00 Y/N APPEARS
- STEP 6: PRESS THE POWER BUTTON AND HOLD FOR A FEW SECONDS TO ADJUST THE TIME (IN MILITARY TIME). 6:00 PM = 18:00. TO GO TO THE NEXT SETTING PRESS AND RELEASE THE POWER BUTTON
- STEP 7: PRESS THE POWER BUTTON UNTIL THE Y IS UNDERLINED AND PRESS AND HOLD THE POWER BUTTON AGAIN. RECORD IS NOW ON
- STEP 8: PRESS THE POWER BUTTON UNTIL EXIT IS HIGHLIGHTED AND HOLD THE POWER BUTTON DOWN. THE OXIMETER WILL LOOK NORMAL AND THEN THE SCREEN WILL GO BLANK. THIS IS SO YOU CAN WEAR THE OXIMETER AT NIGHT AND THE LIGHTS ON THE OXIMETER WILL NOT BOTHER YOU. IF YOU PRESS THE POWER BUTTON AGAIN, YOU WILL SEE RECORDING FLASH ON THE SCREEN AND THEN DISAPPEAR. IF YOU WOULD LIKE TO SEE YOUR READINGS, PRESS AND HOLD THE POWER BUTTON. THE OXYGEN READING WILL SHOW ON THE SCREEN FOR A FEW SECONDS AND THEN GO BLACK AGAIN.

PLEASE NOTE: ONCE STARTING A NEW RECORDING ALL PREVIOUS DATA WILL BE LOST

ONCE YOU FINISH RECORDING:

- STEP 1: TAKE THE OXIMETER OFF. OPEN THE SPO2 REVIEW SOFTWARE.
- STEP2: CONNECT THE OXIMETER TO THE COMPUTER VIA USB CABLE. MAKE SURE THAT THE BLUE LIGHT NEXT TO WHERE THE NECK STRAP CONNECTS IS ILLUMINATED.
- STEP3: HIT THE MAGNIFYING GLASS ICON AND PRESS NEW SESSION AND ENTER YOUR INFORMATION. THE SCREEN SHOWS DEVICE CONNECTED: WAITING FOR DATA.
- STEP 4: PRESS THE POWER BUTTON AND TURN THE OXIMETER ON AND PRESS THE POWER BUTTON AGAIN TO GO INTO THE SETTINGS MENU
- STEP 5: PRESS THE POWER BUTTON UNTIL YOU GET TO RECORD AND TURN IT OFF
- STEP 6: YOU WILL THEN SEE A LINE THAT SAYS UPLOAD. PRESS AND HOLD THE POWER BUTTON UNTIL UPLOAD SAYS ON. YOUR DATA WILL BE UPLOADED INTO THE SPO2 REVIEW SOFTWARE. YOU CAN NOW GO INTO THE SOFTWARE AND HIT THE TOOLS BUTTON IF YOU WANT TO ADJUST THE PARAMETERS OF YOUR READING.
- STEP 7: PRESS THE PRINT ICON AND YOU CAN CHOOSE THE TYPE OF REPORT THAT YOU WANT.



(Screenshot of SPO2 Review Screen when first opened).

(Screenshot of SPO2 Review Software New Session Entry. Press the Magnifying glass to get to this screen and upload your data.)



(Screenshot of sample data recording in SPO2 Review)



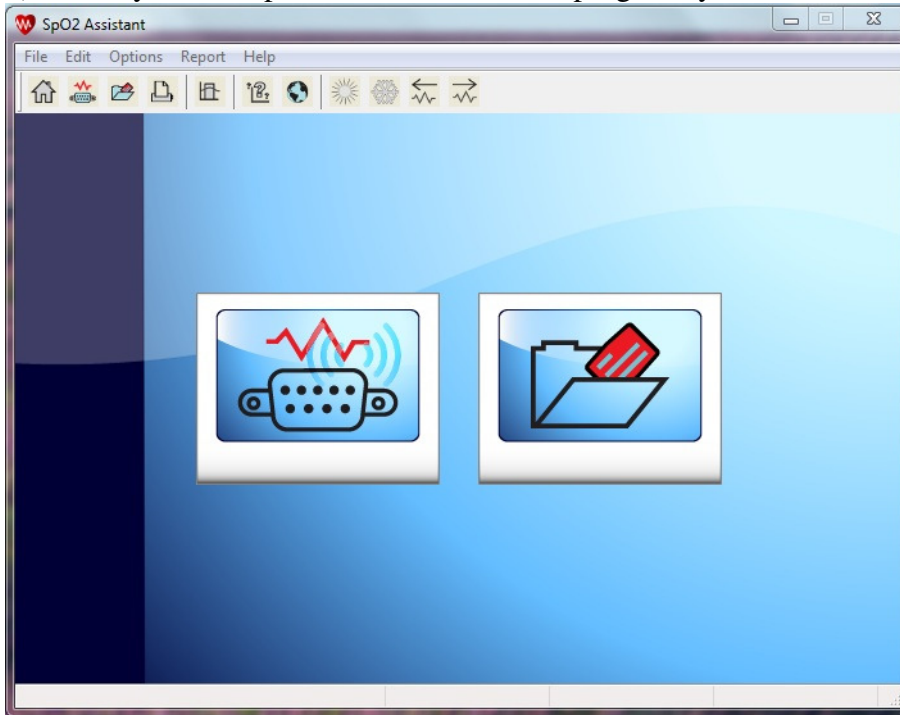
(Screenshot after hitting printer button. You will have the option of which report you want to print from Summary Report, Full Study Report, Oximetry Report, or Strip Chart Report).

SPO2 Assistant Instructions

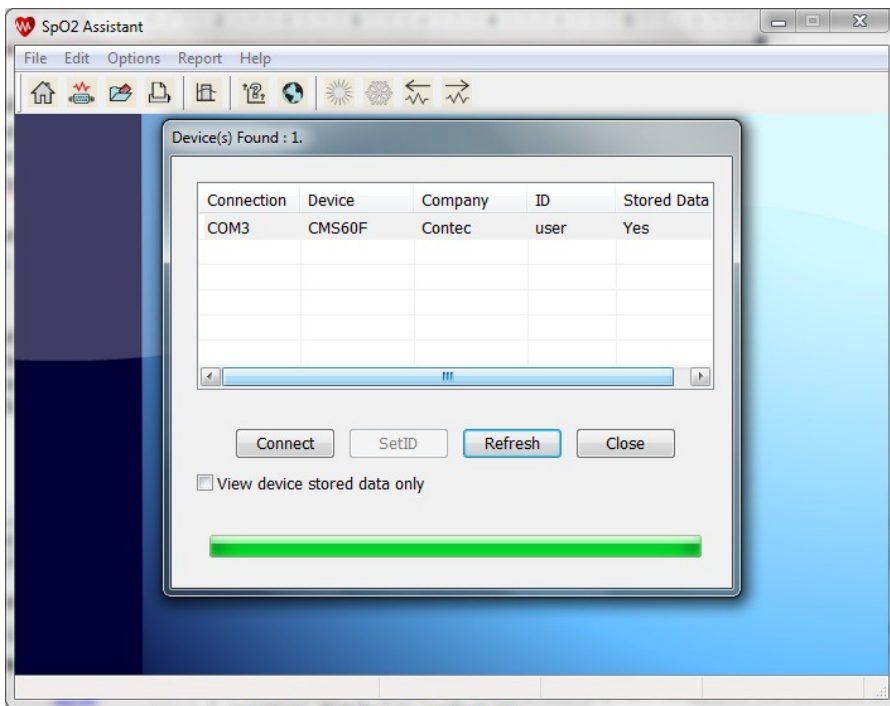
Perform recording as described in the steps above for SPO2 Review.

ONCE YOU FINISH RECORDING:

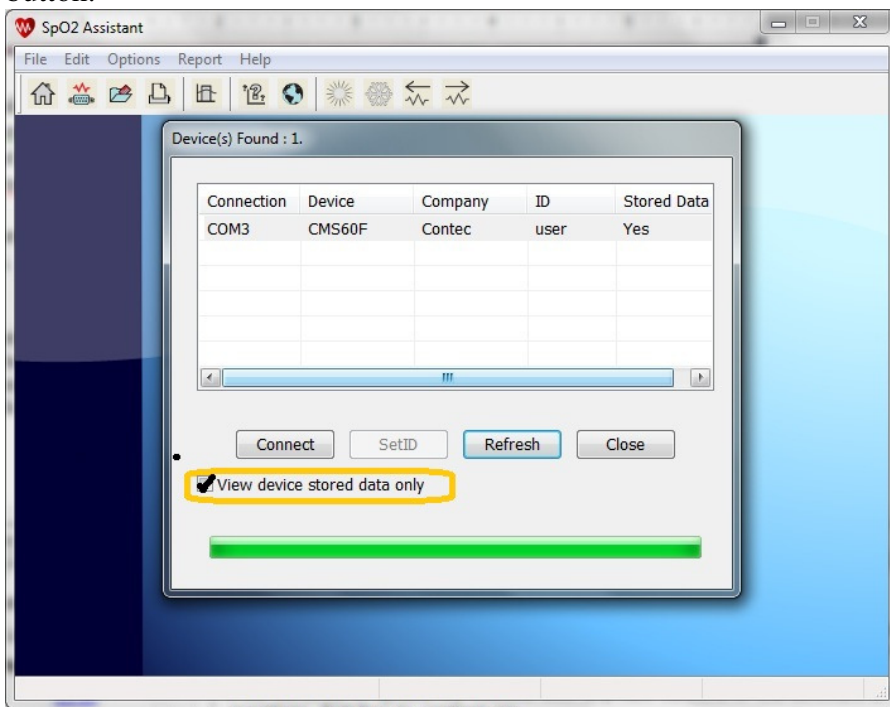
- 1). Go into the menu of your oximeter and switch “Record” to Off.
- 2). When you first open the SPO2 Assistant program, you will see this screen.



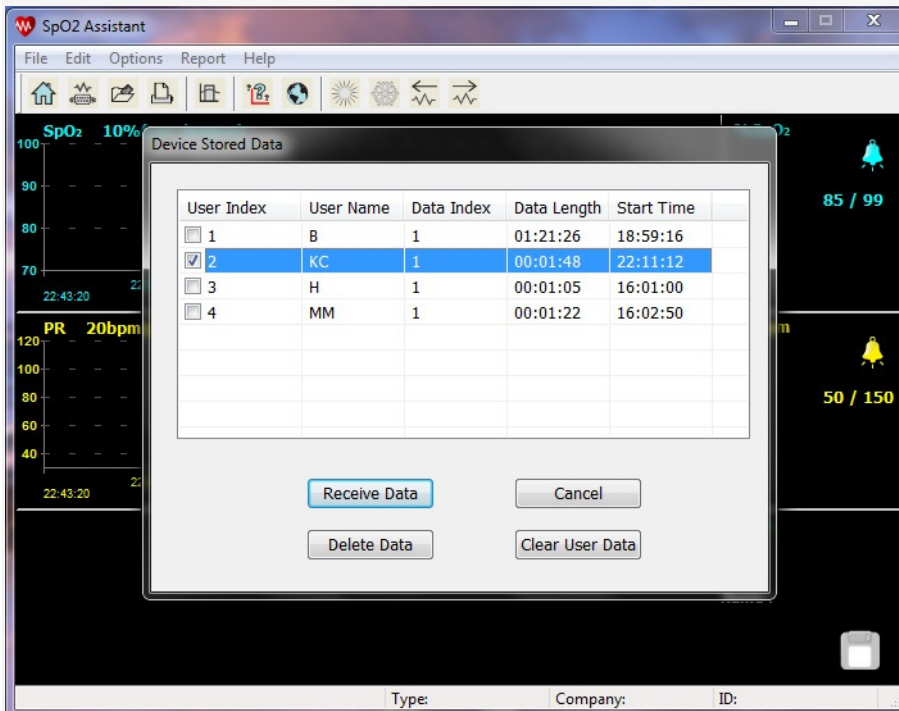
- 3). Make sure your oximeter is connected to your computer and powered on. Click on “Connect Device”. You can reach this from the file menu or by clicking the icon on the left that looks like a 9 pin connector. You will see a screen pop up that will list the oximeters that are connected to your computer.



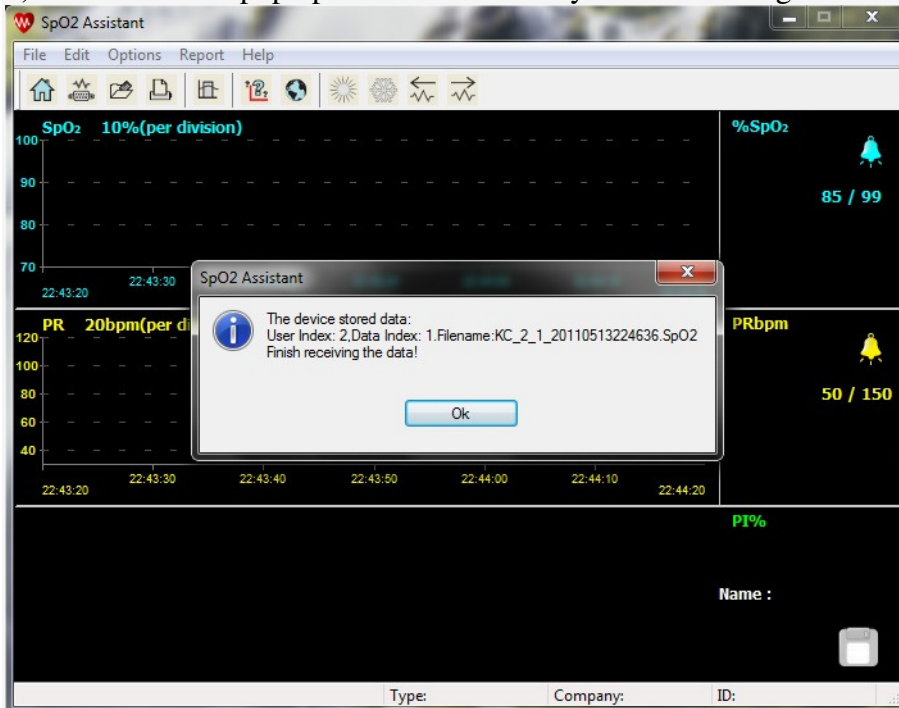
4). Check the box that says “View Device Stored Data Only”. Press the “Connect” button.



5). Select the recording that you would like to view by checking the corresponding box. Then hit the “Receive Data” box.



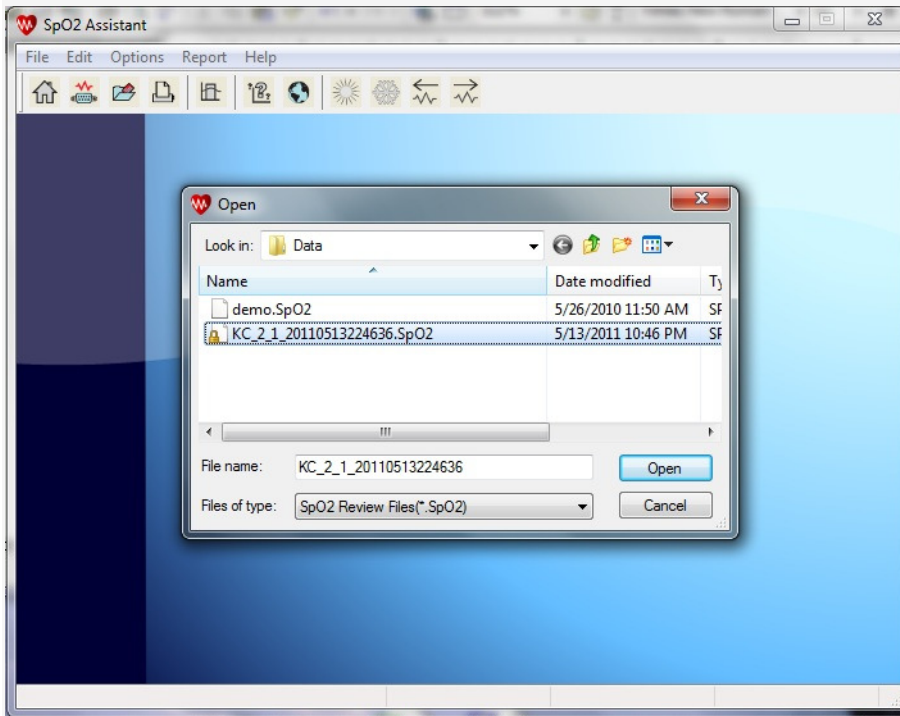
6). You will see a pop up that confirms that you are receiving the file. Click on “OK”.



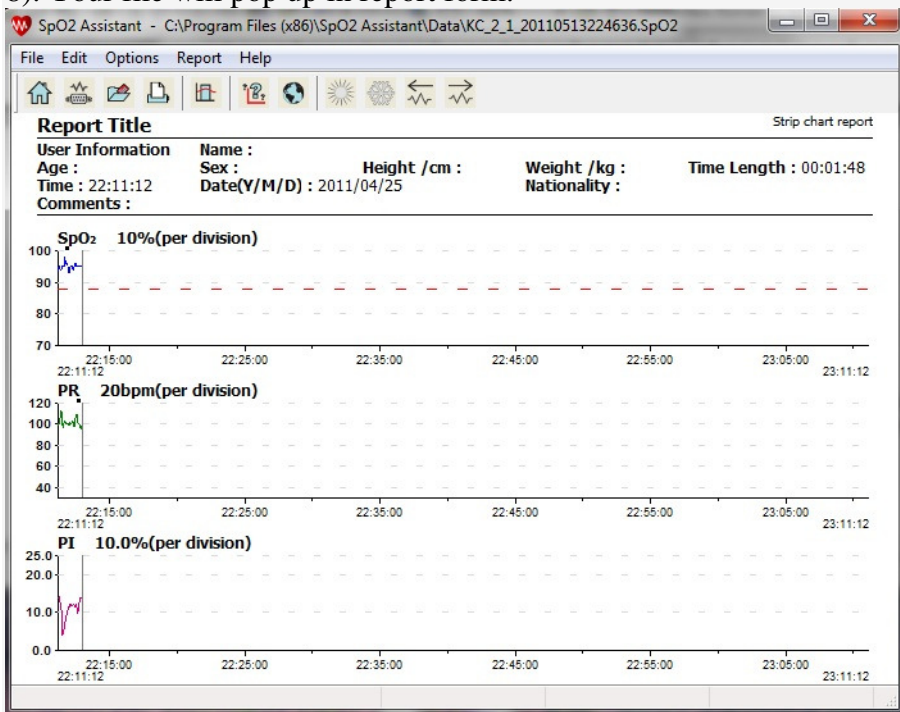
7). You will go back to the main screen that you saw when first opening the program. Go to “Open File” by clicking on file at the top of the screen or clicking the icon on the right. You will see a list of SPO2 files. Double click on the file that you just uploaded.

*Note that the file has a time and date stamp

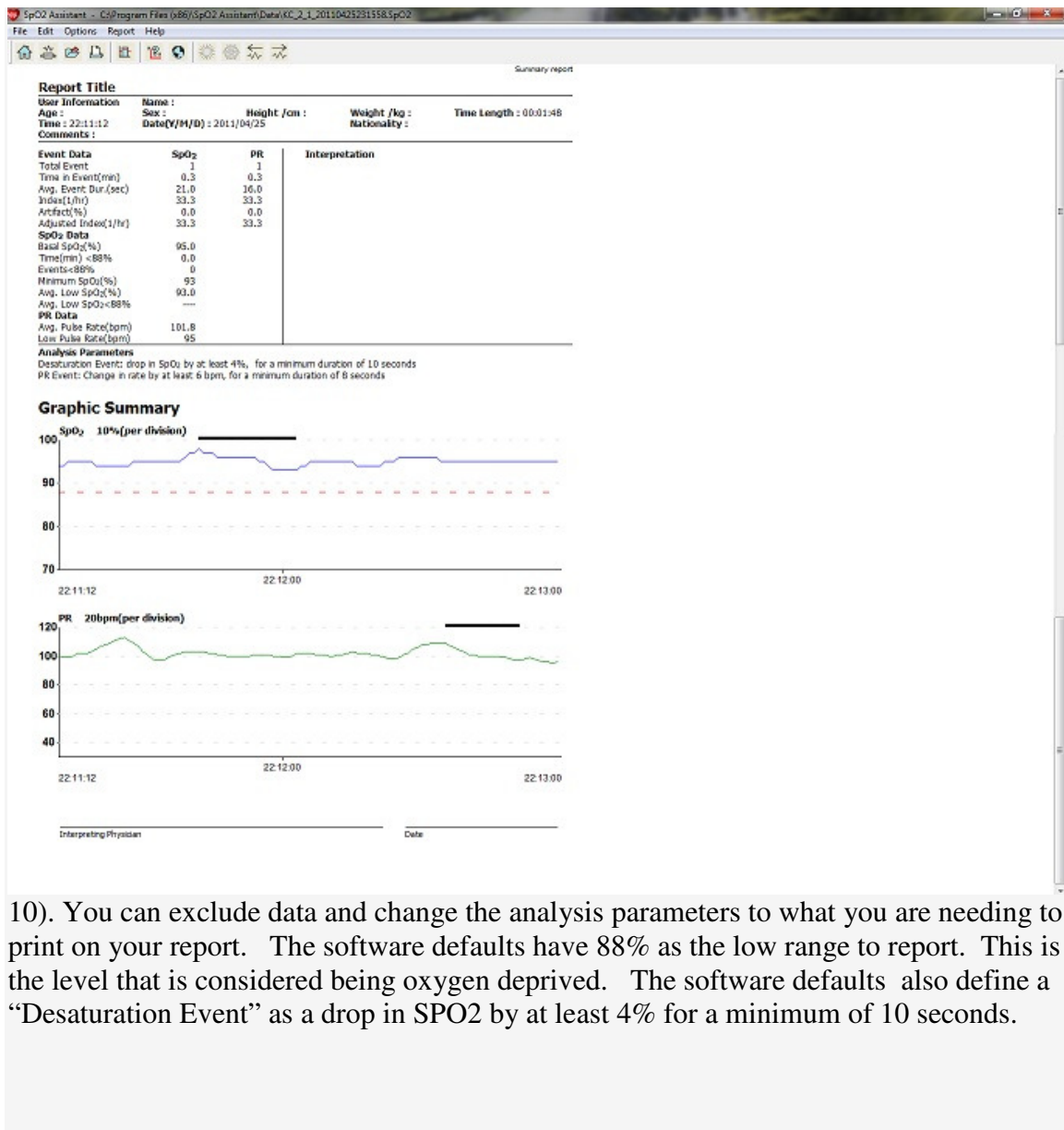
20110513224636 = 5/13/11 10:46 PM



8). Your file will pop up in report form.



9). You can now manipulate the report to get the data that you need. Most reports are printed in the “Summary” format. From the menu buttons on the top of the screen, select report, then select “Summary Report”.



10). You can exclude data and change the analysis parameters to what you are needing to print on your report. The software defaults have 88% as the low range to report. This is the level that is considered being oxygen deprived. The software defaults also define a “Desaturation Event” as a drop in SPO2 by at least 4% for a minimum of 10 seconds.